

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Claims 15-29 have been cancelled.

In claim 30:

On line 4, 'a' located before 'magnetic field' has been deleted and replaced with "the"

On line 5, "corresponding to the orthogonal components of the magnetic field" has been inserted after the word 'values'

Authorization for this examiner's amendment was given in a telephone interview with Mr. Gary Edwards on June 16, 2008 in order to place the application in condition for allowance.

Allowable Subject Matter

Claims 1-14 and 30 are allowed.

In regard to independent claims 1 and 4, the prior art does not teach or render obvious entering the test values at a plurality of test points on the cable route, that were generated corresponding to the orthogonal components of the magnetic field along the

cable route, to a test value memory, and determining from the values in the memory a degree of inhomogeneity and in the combination as claimed.

Claims 2-3 and 5-14 depend from allowable claims 1 and 4 and, therefore, are also allowable.

In regard to independent claim 30, the prior art does not teach or render obvious means for obtaining test values corresponding to the orthogonal components of the magnetic field at test points along the cable and means for determining a degree of inhomogeneity in the magnetic field along the cable from the test values in the combination as claimed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEFF NATALINI whose telephone number is (571)272-2266. The examiner can normally be reached on M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diego Gutierrez can be reached on 571-272-2245. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jeff Natalini/
Examiner, Art Unit 2831